	Application No.	Applicant(s)
Notice of Allowability	09/454,758	JOHANSSON, PER
	Examiner	Art Unit
	Hanh Nguyen	2662

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Amendment filed on 01/24/05*.

2. ☒ The allowed claim(s) is/are *Claims 1, 3-13 renumbered 1-3, 8, 4-6, 9, 11, 12, 7 and 10 respectively.*.

3. ☒ The drawings filed on *11 July 2003* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some*   c)☐ None   of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a)☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1)☐ hereto or 2)☐ to Paper No./Mail Date _____ .

    (b)☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date *4/8/03*

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☒ Other *Attached copy*.

HANH NGUYEN
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kenneth Leffler on 5/31/05.

The application has been amended as follows:

Claims 2 and 14 have been canceled.

Claims 1 and 10 have been amended to distinguish the teaching of Cansever (US Pat. No. 6,678,252 B1) in view of Alvesalo et. al. (US pat. No. 6,650,655 B2). The amendment are shown in the attached copy.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh Nguyen whose telephone number is 571 272 3092. The examiner can normally be reached on Monday-Friday 8:00 AM - 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on 571 272 3088. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Attached Copy

Claim 1. In an ad-hoc communication network in which terminals may belong to more than one piconet, a method of modifying the allocation of a terminal 's capacity between two or more networks, comprising the steps of:

receiving, in a first terminal communicating in a first ad-hoc network, a request from a second terminal to modify the first terminal 's capacity allocation to communicate in a second ad-hoc network with at least the second terminal;

determining whether the first terminal has sufficient available capacity to accommodate the request; and

if the available capacity is sufficient, then comparing the capacity allocation of the first terminal to the capacity allocation of the second terminal to determine mutually acceptable capacity blocks allocable to satisfy the request,

wherein the request from the second terminal includes a parameter that represents the priority class of a desired capacity allocation; and

the step of determining whether the first terminal has sufficient available capacity includes capacity allocated by the first terminal to priority classes lower than the priority class parameter in the request from the second terminal.

Claim 10. A capacity allocation module for a first communication terminal, comprising

a communication module for communicating in a first ad-hoc network and for receiving a request from a second communication terminal to modify the first terminal 's capacity allocation to communicate in a second ad-hoc network with at least the second terminal, the request including a digital representation of the second terminal 's capacity allocation;

a memory module for storing a digital representation of the first terminal 's capacity allocation; and

a processor module operative associated with the memory module for comparing the first terminal 's capacity allocation with the second terminal 's capacity allocation to determine mutually acceptable capacity blocks allocable to satisfy the request,

wherein the communication module is also for receiving a request from at least one additional terminal to modify the first terminal 's capacity allocation to communicate in at least one additional ad-hoc network, the request including a digital representation of the at least one additional terminal 's capacity allocation.